

a ventilating circuit in which the coolant cooled by said cooler is allowed to flow to said central portion of said stator iron core in a direction from an outer peripheral side to an inner peripheral side of said stator iron core via said at least one ventilating passage which communicates with said central portion of said stator iron core.

2. (amended) A rotating electric machine according to claim 1, further comprising a booster for boosting flow of the coolant disposed upstream of a flow direction of the coolant through said cooler, the ventilating circuit enabling flow of the coolant which is boosted by the booster and cooled by said cooler.

3. (amended) A rotating electric machine according to claim 2, wherein the booster includes a fan.

4. (amended) A rotating electric machine comprising:
a plurality of ventilating passages formed between a stator frame and a stator iron core;

coolers which cool a coolant being provided in said plurality of said ventilating passages;

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a ventilating circuit in which at least a portion of the coolant which is cooled by one of said coolers is allowed to flow to a central portion in an axial direction of said stator iron core in a direction from an outer peripheral side to an inner peripheral side of said stator iron core at least via one ventilating passage of said plurality of ventilating passage which communicates with said central portion in an axial direction of said stator iron core and is further cooled by another of said cooler.

5. (amended) A rotating electric machine according to claim 4, further comprising a booster for boosting flow of the coolant disposed upstream of a flow direction of the coolant through said one of said coolers, the ventilating circuit enabling flow of the coolant which is boosted by the booster and cooled by said cooler.

6. (amended) A rotating electric machine according to claim 5, wherein the booster includes a fan.

REMARKS

By the above amendment, claims 1-6 have been amended to clarify features of the present invention, noting that the claims have been amended in a manner which should overcome the rejection under 35 U.S.C. §112, second paragraph, and to patentably distinguish over the cited art.

Applicants note that the present invention is directed to a structural arrangement of a rotating electric machine as illustrated in Fig. 6 of the drawings, for example. More particularly, as shown therein, a rotating electric machine includes a plurality of ventilating passages provided between a stator frame 1 and a stator iron